

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105181

ANALYST: Daniel
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP77620
IODINE SOLUTION .025N 1L	W2508
Starch Solution, 4L	W2379

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB123174BL		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	09/17/2019	14:00
2	K4923-11		1	5.02	50	2.00	1.92	3.64	1.72	0.28	0.20	15.94	09/17/2019	14:02
3	K4923-11DUP		1	5.04	50	2.00	3.64	5.38	1.74	0.26	0.18	14.29	09/17/2019	14:05
4	K4923-12		1	5.01	50	2.00	5.38	7.12	1.74	0.26	0.18	14.37	09/17/2019	14:08
5	K4923-13		1	5.00	50	2.00	7.12	8.96	1.84	0.16	0.08	6.40	09/17/2019	14:10
6	K4923-14		1	5.03	50	2.00	0.00	1.78	1.78	0.22	0.14	11.13	09/17/2019	14:12
7	K4923-15		1	5.02	50	2.00	1.78	3.66	1.88	0.12	0.04	3.19	09/17/2019	14:15
8	K4924-15		1	5.04	50	2.00	3.66	5.56	1.90	0.10	0.02	1.59	09/17/2019	14:18
9	K4924-16		1	5.01	50	2.00	5.56	7.36	1.80	0.20	0.12	9.58	09/17/2019	14:20
10	K4924-17		1	5.02	50	2.00	7.36	9.14	1.78	0.22	0.14	11.16	09/17/2019	14:22
11	K4924-18		1	5.03	50	2.00	0.00	1.78	1.78	0.22	0.14	11.13	09/17/2019	14:25
12	K4924-19		1	5.00	50	2.00	1.78	3.58	1.80	0.20	0.12	9.60	09/17/2019	14:28

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume

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13	K4924-20		1	5.02	50	2.00	3.58	5.42	1.84	0.16	0.08	6.37	09/17/2019	14:30
14	K4924-21		1	5.00	50	2.00	5.42	7.24	1.82	0.18	0.10	8.00	09/17/2019	14:32

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume